Role of Libraries in achieving Sustainable Development Goals in Maharashtra.

Synopsis

For the Award of
Doctor of Philosophy
In the subject of Library and Information Science
Under the faculty of Interdisciplinary studies

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1. Preamble

The World Commission on Environment and Development (WCED) was appointed and the report of this commission defines sustainable development as "Sustainable development is development that meets the current requirements of unborn generations by compromising their capability to meet their own requirements."

Sustainable development doesn't include luxury requirements; Food, clothing, shelter, education, and health are the introductory requirements of mortals. It includes not only the well-being of the present generation, but also planning and operating for the well-being of future generations.

1.1) Sustainable Development Goals (SDGs)

The United Nations launched the 17 Sustainable Development Goals (SDGs) in 2015 to create a common set of development goals for all countries by 2030; each goal focuses on a specific area of the country. The primary ideal of the Sustainable Development is to reduce the absolute poverty of the world's poor through furnishing lasting and secure livelihoods that minimize resource reduction, environmental declination, artistic dislocation, and social insecurity"; Seventeen SDGs have been set are as follows-

1	No Poverty	2	Zero Hunger
3	Good health and well being	4	Quality Education
5	Gender Equality	6	Clean Water & Sanitation
7	Affordable & Clean Energy	8	Decent work & Profitable Growth
9	Assiduity, Innovation & Structure	10	Reducing Inequality
11	Sustainable Metropolises & Communities	12	Responsible Consumption and Product
13	Climate Action	14	Life Below Water
15	Life on Land	16	Peace, Justice and Strong Institutions
17	Partnerships for the aims		

The pretensions of Quality Education in Sustainable Development include furnishing free, fair, and quality education to all boys and girls. In addition, how specialized, vocational and advanced education openings will be available to all. Emphasis has also been laid on creating equal openings for education and vocational training for all members of the community. (Mkumbo, W.C., 2016)

1.2) Part of higher education in Sustainable Development-

It's fact that education plays a necessary and decisive part in the profitable, social, and political development of a country and affects each area to a significant degree. The part of higher education is polar to make a lasting bright future as we move towards globalization.

Advanced education has a unique part to play in enforcing the principles and pretensions of sustainable development. There's a need to give comprehensive and effective education through experts using technology. Under these conditions, universities feel to be in a unique position to take a leadership part on Sustainable Development. Innovative education is sustainable for unborn generations it has the power to produce.

1.3) Role of Libraries in Sustainable Development

At the university and council position, Knowledge Resource Centers (KRC) formerly libraries are suitable to contribute to sustainable development. Libraries are at the heart of every country around the world. Libraries use information to evaluate whether a student is knowledgeable, or what area he or she should pay attention to, and what rules to follow. In the digital age, the need for knowledgeable students includes the ability. E.g. Create information queries, determine the type and format of the information source, select the most effective hunting strategy and evaluate the quality of the information, use and share the information. Libraries allow students to go beyond what is being in the classroom.

The International Federation of Library Associations and Institutions (IFLA) stated that libraries distribution of sustainable development in the following ways-

- Libraries offer openings to all
- Libraries enable people to develop themselves
- Libraries give access to knowledge of the world
- Librarians give expert guidance
- Libraries are part of a multi-stakeholder community

2. Statement of the Problem

"All libraries support knowledge programs, furnishing safe space to support literacy and access for experimenters, Encouraging experimenters, and scholars to produce new knowledge will show that the pretensions of sustainable developments are being fulfilled" to prove these statement of the problem is **"Role of Libraries in achieving Sustainable Development Goals in Maharashtra."**

3. Explanation of the key concepts

Role of Library:

The Library have significant roles to play in supporting Sustainable Development Goals. Library can support SDGs through various activities. Libraries are at the heart of University, Colleges and social communities in every country around the world. The libraries could use the information to assess whether a pupil is information knowledgeable, or what areas should be addressed and what norms should be followed. In the digital period, the chops needed of an information knowledgeable pupil include the capability to, e.g. formulate an information query, determine the type and format of the information source, elect the most effective hunt strategy, and assess the quality of information, use and share information.

Types of Libraries:

Academic, Public, Special, National these four major types of library. (Gani, Esther & Allahmagani, Khali & Kasa, Mathias. 2019).

Public Library:

A library is an accessible by the public and generally funded from tax as public source, and operated by the library paraprofessionals is called a public library. (Omona, Walter, 2020)

Librarian:

Library is the store-house of knowledge and a librarian is a professional who works in a library, providing users with access to information as well as social or technical programming and information literacy teaching. (Mkumbo, W.C. 2016)

Sustainable:

Sustainable is a process of involving the use of natural products and energy in a way that does not harm the environment and that can be continue for a long time. (Streatfield, D.; Markless, S.; Cottrill, J.2015)

Development:

Development is a process of creating something bigger, stronger, better or more advanced.

Sustainable Development:

Sustainable development is a philosophy that aims to achieve human development goals while simultaneously preserving natural systems' ability to

supply the natural resources and ecosystem services that the economy and society rely on. Sustainable development is defined as development that meets current demands without hazard future generations' ability to meet their own needs. (Poluru, Lalitha. 2020)

Sustainable Development Goals:

The Sustainable Development Goals, often known as the Global Goals, are a set of 17 interconnected global goals aimed at providing a "blueprint for a better and more sustainable future for all." The United Nations General Assembly established the Sustainable Development Goals (SDGs) in 2015, with the goal of achieving them by 2030.

Maharashtra:

Maharashtra is a state on India's western and central peninsula, comprising a large portion of the Deccan Plateau. Maharashtra is India's second most populous state, as well as the world's second most populous country subdivision. It was created on May 1, 1960, when the bilingual Bombay State, which had existed since 1956, was split diagonally. (Wanmali,s. Vyankatesh and Mookerjee, S.,2021)

4. Objectives of the study

The overall goal of this research study is to investigate the existing role of libraries and services for sustainable development in India, with a focus on Maharashtra, with the goal of formulating a pragmatic strategy for academic libraries' involvement in Maharashtra's sustainable development.

The precise objectives of this study as based on the preceding research topics; the objectives are as-

1) The review origin and development of Sustainable Development Goals.
2) To examine Contributions IFLA in Sustainable Development Goals.
3) To find out role of libraries in achieving Sustainable Development Goals at International and National Level.
4) To perceive role of libraries in achieving Sustainable Development Goals in Maharashtra.
5) To suggest plan of action for Libraries in achieving sustainable development goals.

5. Hypotheses

1) Libraries can play important role in achieving Sustainable Development goals.

2) IFLA had good contribution in noting down to library activities in achieving Sustainable Development Goals

3) Libraries in Maharashtra are less aware about Sustainable Development Goals.

4) Public Libraries are support Sustainable Development Goals No. 1 Promoting End poverty in all its forms everywhere.

5) Agricultural University Libraries Sustainable Development Goals No. 2 End hunger and improved nutrition and promote sustainable agriculture.

6) Maharashtra University of Health Sciences, Nasik University Libraries Assists Sustainable Development Goals No. 3. Ensure health lives and promote well – being for all at all ages.

7) All Libraries under study support in achieving Sustainable Development Goals in Maharashtra.

6. Scope and Limitations

The study will cover

a. Maharashtra State Central Library and Government divisional Public Libraries
b. Library of all universities excluding Private and Deemed universities in Maharashtra
c. At least two libraries of colleges affiliated to University and having accreditation minimum 'A' or higher grade by NAAC.

7. Review of Related Literature

Researcher searched various books, journals, research journal, research papers, Shodganga, Google Scholar and online catalogue (database) of thesis of INFLIBNET, University News, and Thesis of the month, and various websites to find out the past recent readings in the connection of the research. This thorough search enabled the researcher to learn about earlier related work on the subject. And finding the research gap. The following are the some reviews:

1. Abata-Ebire, Blessing Damilola & Adetayo, Adebowale. (2018) Libraries as important resources for achieving these goals must provide relevant and adequate information to the public in an accessible way. It also stated libraries should regularly organize seminars, Government should ensure that libraries and information centre are fully integrated into the scheme of activities at both the local and national level, government and the parent institution should support the library and information centers financially etc.
2. Anyaoku, E. N. (2016) Good health is the important but hidden foundation for all humanity's developmental planning and actions. This study highlights the potential

roles of medical libraries in creating access to health information to support the achievement of Sustainable Development Goal 3.

3. Corcoran & Wals, (2004) there's no question that Higher Instruction must be among the foremost unmistakable players in moving society to a more feasible way. The scholastics have within the past played a pivotal role within the hypothetical talks about and down to earth experimentations concerning the most excellent course towards Maintainable Improvement. Higher Education is vested by society with the mission of observing truth, conferring information, abilities and values and planning capable citizens and competent specialists who will contribute to a feasible world.
4. Gani, Esther & Allahmagani, Khali & Kasa, Mathias. (2019) Consultations made revealed that libraries are distinguished by types, roles and clients whose information needs that correspond with the goals can be made accessible as the library acquires, arrange, store and retrieval.
5. Holmquist, J. (2021). According to this study SDGs play a growing significance in the work of public libraries in Denmark. It highlights national and local projects, points out learnings and discusses a framework for getting started working with the SDGs, including what skills library professionals need to achieve these goals.
6. IFLA (2017) Libraries advance advancement by making a difference individuals get the data they have to be get to financial opportunity, sexual orientation balance, and quality instruction, progress their wellbeing or create their communities. It explained the library is the as it were put in numerous communities where individuals can get to data that will offer assistance progress their instruction, create unused abilities, discover occupations, construct businesses, make educated agrarian and wellbeing choices, or pick up experiences into natural issues.
7. Omona, Walter (2020) this study thematically examine and synthesize the contribution of library and information services in achieving SDGs through exploring their contributions to the various economic and social transformation drivers based on Uganda's Vision 2040.
8. Onwubiko (2021) as per the empirical study for investigation the role of librarians and libraries in the realization of the United Nations' Sustainable Development Goals (SDG). It was found that particular Selective Dissemination of Information (SDI) and appropriate data arrangement will contribute colossally within the realization of SDGs while, present day library parts like promotion programs,

community outreach and engagements will help curators and libraries to contribute definitively towards the realization of these objectives.

9. Prakasan, P.M., (2020) Libraries are also developing and implementing various schemes to support sustainable development initiatives. It was at this period of time that the COVID-19 pandemic, shaking the social, economic, cultural, educational and healthcare sectors. The potential of information and communication technology has been exploited through social media, internet facilities and mass media.
10. Poluru, Lalitha. (2020) It focuses towards the India is facing various challenges like eradicating poverty, providing food, health and hygiene, quality education, clean water and sanitation etc. Social Innovations that meet the social needs of different elements like education, health, community development etc., are need of the hour while working towards attaining the SDGs.

8. Population and collection of sample

Maharashtra State Central Library and Government divisional Public Libraries and Library of all universities libraries in Maharashtra and also At least two libraries of colleges from each University having accreditation minimum 'A' or higher grade by NAAC of Maharashtra are to be considered.

Sr. No.	Category	Total No.
1	'Maharashtra State Central Library	1
2	Government Divisional Public Libraries	6
3	All university Libraries excluding Private and Deemed universities libraries in Maharashtra	25
4	Minimum Two College from each University having accreditation minimum 'A' or higher grade by NAAC	50

9. Significance of Study:

The purpose of this study is to examine role that libraries can play role in achieving SDGs as reflected in Maharashtra. And libraries are essential tools of in the society and they play an important role in achieving SDGs. The SDGs give around the world direction for tending to the worldwide challenges confronting the universal community. It is approximately way better securing the common establishments of life and our planet all over and for everybody, and protecting people's openings to live in respect and success over eras. The 17 objectives cover all three regions of feasible improvement: environmental, financial and social. Through this goal the overall development of the society can be achieved. And libraries play an important role in this process.

10. Research Methodology:

10.1. Research Method:

The most appropriate method for this study would be field study coupled with descriptive method for developing a conceptual framework.

10.2. Research Technique: The survey technique will be adopted for present study.

10.3. Tools of data collection:

A self-developed structured questionnaire, observation, intentionally and randomly visits to the library will be adopted for this research.

11. Data Analysis and presentations:

Collected data through survey, observation is tabulated, analyzed by the using MS-Excel and presented with the help of Bar Charts, Colum Charts, Line Bars

12. Report Writing, Style Manual List:

The research report will be documented by using APA style.

13. Chapter scheme and research design

Chapter – I Introduction: This chapter is primarily devoted to the background of this research study underlying the objective conditions that prompted the researcher to undertake this research study.

Chapter - II Review of Literature: This chapter furnishes the review of related literatures which are relevant to the research problem under study. Conclusion and references are given at the end.

Chapter – III Sustainable Development (SD) and Sustainable Development Goals (SDGs): In this Chapter the researcher focuses on Sustainable Development (SD) and Sustainable Development Goals (SDGs). The researchers defines the total 17 SDGs each one separately.

Chapter – IV Sustainable Development Goals (SDGs) and Libraries: In this Chapter the researcher states the each SDGs and correlate them with the library. And also narrate the contribution of the library to achieving the SDGs at international as well as national level. The researcher focuses on the role of public libraries and university libraries towards the achievement of SDGs. How these libraries are played and what should they do, perform for the successful achievement of SDGs. It establishes the current study's conceptual foundation. It provides an understanding of the theoretical and conceptual issues surrounding sustainable development and academic library roles.

Chapter – V Date Interpretation and Analysis A data collected by the survey, readings, virtually visits will be distributed into the tables, and will be analyzed by the statistical method using MS-Excel. The graphical presentation will be presents with the help of Bar charts, Pie charts, Colum Charts, Line Bar.

Chapter – VI Summary of Findings, Recommendations and Conclusion

In this chapter the findings and recommendations will be delivered.

14. Summary

This research is likely to identify the best practices and new ideas for helping the successful achievement of SDGs. Hopefully this study will inspire to the libraries to identify the activities, projects, programmes for the library that would be helpful for the successful achievement of the SDGs

A) Reference and Bibliography

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B) Plan of work and targets to be achieved.

Sr. No.	Period	Proposed Research Work
1	28/07/2021 to 31/12/2021	• RAC • Reading different thesis, books, references for selection of topic • Attend coursework
2	01/01/2022 to 30/06/2022	• First Progress Report Submission • Synopsis writing, • RRC, • Submission of synopsis • Review of related literature to relate the research topic
3	01/07/2022 to 31/12/2022	• Second Progress Report Submission • Preparation and standardization of Questionnaire • Pilot Study
4	01/01/2023 to 30/06/2023	• Third Progress Report Submission • Data Collection • Analysis and interpretation of data
5	01/07/2023 to 31/12/2023	• Forth Progress Report Submission • Research Writing (Chapter I, II, III, IV, V & VI)
6	01/01/2024 to 30/06/2024	• Fifth Progress Report Submission • Final synopsis submission, • Pre Ph.D. Synopsis submission
7	01/07/2024 to 31/12/2024	• Sixth Progress Report Submission • Plagiarism Checking • CD Submission • Final Viva-voce

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